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(54) Title: **REAL-TIME COMMUNICATION APPLICATIONS AND SYSTEM**

ENTERPRISE INSTANT MESSAGING	EXTRANET WEB CONFERENCING	VOICE AND VIDEO CONFERENCING
ESDK	ECONFERENCING SDK	
COMPONENT ARCHITECTURE		
SECURITY AND ENCRYPTION	DIRECTORY INTEGRATION	CENTRALIZED MANAGEMENT
CHANNELS	PIPES	PRESENCE
REAL-TIME ROUTING ENGINE		

(57) Abstract: A software development kit enables developers to provide real-time communications capabilities to existing software applications.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23331

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : GO6F 9/45

US CL : 717/109; 709/204, 205, 227

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 717/109; 709/204, 205, 227

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WEST (IBM TDB, JPO, EPO, DERWENT, USPAT, PGPUBS)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 6,564,261 B1 (GUDJONSSON ET AL.) 13 MAY 2003 (13.05.2003), FIGS. 2-6, 14-25, COLS. 1-42.	1-9
X,P	US 2003/0074451 A1 (PARKER ET AL.) 17 APRIL 2003 (17.04.2003), FIGS. 1, 8-10, PAGES 1-6.	1-9
X	US 2002/0010744 A1 (PRELL ET AL.) 24 JANUARY 2002 (24.01.2002), FIGS. 2-3, PAGES 1-10.	1-9
X,P	US 2003/0023684 A1 (BROWN ET AL.) 30 JANUARY 2003 (30.01.2003), FIGS. 2-8, PAGES 1-13.	1-9

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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